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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p> <p>SHEET 1 of 4</p>	<b>COMPLETE IF KNOWN</b>	
	Application Number	10/825,792
	Confirmation Number	9078
	Filing Date	April 16, 2004
	First Named Inventor	Chan et al.
	Group Art Unit	1744
	Examiner Name	Shay Lynn Karls
	Attorney Docket Number	9215

### U. S. PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No. <sup>1</sup>	DOCUMENT NUMBER Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
	1.	US-1,125,532	01/1915	Himmel	
	2.	US-1,588,785	06/1926	Van Sant	
	3.	US-1,598,224	08/1926	Van Sant	
	4.	US-1,963,389	06/1934	Vardeman	
	5.	US-1,965,009	07/1934	Stevens	
	6.	US-2,059,914	11/1936	Rosenberg	
	7.	US-2,140,307	12/13/1938	Belaschk et al.	
	8.	US-2,149,950	03/1939	Axline	
	9.	US-2,218,072	10/1940	Runnels	
	10.	US-2,225,331	12/1940	Campbell	
	11.	US-2,583,750	01/1952	Runnels	
	12.	US-2,584,735	02/1952	Pancoast	
	13.	US-2,543,999	03/1953	Voss	
	14.	US-3,050,072	08/1962	Diener	
	15.	US-3,242,516	03/29/1966	Cantor	
	16.	US-3,491,396	01/27/1970	Eannarino et al.	
	17.	US-4,081,876	04/04/1978	Pugh	
	18.	US-4,156,620	05/29/1979	Clemens	
	19.	US-4,406,032	09/27/1983	Diamant	
	20.	US-4,432,114	02/21/1984	Gouldsmit	
	21.	US-4,545,087	10/08/1985	Nahum	
	22.	US-4,610,043	09/09/1986	Vezjak	
	23.	US-4,827,550	05/09/1989	Graham et al.	
	24.	US-4,845,795	07/11/1989	Dental Research Corp.	
	25.	US-4,894,880	01/23/1990	Aznavoorian	
	26.	US-5,005,246	04/09/1991	Yen-Hui	
	27.	US-5,020,179	06/04/1991	Scherer	
	28.	US-5,040,260	08/20/1991	Michaels	
	29.	US-5,046,213	09/10/1991	Curtis et al.	
	30.	US-5,070,567	12/10/1991	Holland	
	31.	US-5,088,145	02/18/1992	Whitefield	
	32.	US-5,170,525	12/15/1992	Cafaro	
	33.	US-5,226,197	07/13/1993	Nack	
	34.	US-5,287,584	02/22/1994	Skinner	
	35.	US-5,335,389	08/09/1994	Curtis et al.	
	36.	US-5,392,483	02/28/1995	Heinzelman	
	37.	US-5,398,369	03/21/1995	Heinzelman et al.	
	38.	US-5,446,940	09/05/1995	Curtis et al.	

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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SHEET 2 of 4

## COMPLETE IF KNOWN

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39.	US-5,454,133	10/03/1995	Garnet	
40.	US-5,584,690	12/17/1996	Maassarani	
41.	US-5,617,603	04/08/1997	Mei	
42.	US-5,628,082	05/13/1997	Moskovich	
43.	US-5,980,542	11/09/1999	Saldivar	
44.	US-5,984,935	11/16/1999	Welt et al.	
45.	US-6,006,394	12/28/1999	Bredall et al.	
46.	US-6,015,293	01/18/2000	Rimkus	
47.	US-6,102,923	08/15/2000	Murayama	
48.	US-6,119,296	09/12/2000	Turunen	
49.	US-6,119,296	09/19/2000	Noe et al.	
50.	US-6,141,818	11/07/2000	Weihrach	
51.	US-6,273,719	08/14/2001	Whitman	
52.	US-6,360,395	03/26/2002	Blaustein et al.	
53.	US-6,371,294	04/16/2002	The Procter & Gamble Co.	
54.	US-6,729,789	05/04/2004	Gordon	
55.	US-7,055,205	06/06/2006	Aoyama	
56.	US-6,319,332	11/20/2001	Gavney, Jr. et al.	
57.	US-6,463,619	10/15/2002	Gavney, Jr. et al.	
58.	US-6,571,417	06/03/2003	Gavney, Jr. et al.	
59.	US-6,658,688	12/19/2003	Gavney, Jr.	
60.	US-6,820,299	11/23/2004	Gavney, Jr.	
61.	US-6,820,300	11/23/2004	Gavney, Jr.	
62.	US-6,859,969	03/01/2005	Gavney, Jr. et al.	
63.	US-6,865,767	03/15/2005	Gavney, Jr.	
64.	US-6,944,904	09/20/2005	Gavney, Jr.	
65.	US-7,047,589	05/23/2006	Gavney	
66.	US-7,051,394	05/30/2006	Gavney	
67.	US-7,069,615	07/04/2006	Gavney	
68.	US-7,073,225	07/11/2006	Ford	
69.	US-D697,336	04/1902	Hagerty	
70.	US-D330,286	10/20/1992	Curtis et al.	
71.	US-D354,624	01/24/1995	Gupta	
72.	US-D434,563	12/05/2000	Lim et al.	
73.	US-D462,178	09/03/2002	Moskovich et al.	
74.	US-D480-214	10/07/2003	Kling	
75.	US-D485,989	02/03/2004	Winkler	
76.	US-D513,667	01/24/2006	Moskovich et al.	
77.	US-D514,321	02/07/2006	Moskovich et al.	
78.	US-2001/0039689	11/15/2001	Gavney	

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	79.	US-2002/0083954	07/04/2002	Gavney	
	80.	US-2003/0019060	01/30/2003	Gavney	
	81.	US-2003/0115699	03/26/2003	Wagstaff	
	82.	US-2003/0140440 A1	07/31/2003	Gavney	
	83.	US-2003/0209253	11/13/2003	Gavney	
	84.	US-2004/093719	05/20/2004	Dai et al.	
	85.	US-2004/0134007 A1	07/15/2004	Davies	
	86.	US-2004/0231082	11/25/2004	Gavney	
	87.	US-2004/0255416 A1	12/23/2004	Hohlbein	
	88.	US-2004/0255427	12/23/2004	Gavney	
	89.	US-2004/0261207	12/30/2004	Gavney	
	90.	US-2005/0000049 A1	01/06/2005	Hohlbein	
	91.	US-2005/0015904	01/27/2005	Gavney	
	92.	US-2005/038461 A1	02/17/2005	Phillips	
	93.	US-2005/0049155	03/03/2005	Gavney	
	94.	US-2005/0060826	03/24/2005	Gavney	
	95.	US-2005/0069372 A1	03/31/2005	Hohlbein	
	96.	US-2005/006456	03/31/2005	Gavney, Jr.	
	97.	US-2005/0091773	05/15/2005	Gavney, Jr et al	
	98.	US-2005/0155172	07/21/2005	Gavney	
	99.	US-2005/0166343	08/04/2005	Gavney Jr.	
	100.	US-2005/0166344 A1	08/14/2005	Hohlbein	
	101.	US-2005/0198757	09/15/2005	Gavney, Jr. et al.	
	102.	US-2005/0210612 A1	09/29/2005	Hohlbein et al.	
	103.	US-2005/0229339	10/20/2005	Gavney, Jr. et al.	
	104.	US-2005/0273954	12/15/2005	Gavney, Jr. et al.	
	105.	US-2006/0010628 A1	01/19/2006	Moskovich	
	106.	US-2006/0021170	02/02/2006	Gavney, Jr. et al.	
	107.	US-2006/0026794 A1	02/09/2006	Moskovich et al.	
	108.	US-2009/0025162A1	01/28/2009	Chan, et al.	
EXAMINER				DATE CONSIDERED	

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**FOREIGN PATENT DOCUMENTS**

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	109.	EP 1034721 A1	09/13/2000	Welt et al.	
	110.	EP 1 607 059	09/10/2008	Hohlbein	
	111.	FR 920,155 (translation)	03/31/1947	Munch	
	112.	GB 2 040 161 A	08/28/1980	Vowles	
	113.	GB 2 391 462	02/11/2004	Davies et al.	
	114.	W0 99/23910A1	05/20/1999	Gillette Canada, Inc.	
	115.	WO 2001/017433 A1 (abstract)	03/15/2001	Pena et al.	
	116.	WO 2005/112794	12/11/2005	DaConceicao	
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	117.	Office Action for U.S.S.N. 11/893,470; P&G Case 9215C2L; dated 08/13/2008	
	118.	Office Action for U.S.S.N. 11/893,479; P&G Case 9215C2L; dated 02/11/2008	
	119.	Office Action for U.S.S.N. 11/893,479; P&G Case 9215C2L; dated 12/15/2008	
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